

Abstract

The present invention relates to a control system (1), having an electronically controllable drive train, having a coordination level (4) which can be assigned to a system control device (6) and in which set point values (SW) are generated from state variables (ZG) of the vehicle and from driver's wishes (FW) and actuation signals (AS) for actuating actuators (A) are generated therefrom, and having an execution level (AE) which is subordinate to the coordination level (K) and has actuators (A) for executing the actuation signals (AS). According to the invention, an axle electronic module (2) is provided for activating at least one brake actuator (AA₁) assigned to the vehicle axle (3), and is arranged in the region of the vehicle axle (3), in that the axle electronic module (2) is connected to the coordination level (K) in order to transmit set point values (SW), and is designed to determine actuation signals (AS) from the set point values (SW) in order to control the respective axle actuator (AA), and in that the axle electronic module (2) is connected to a controllable differential lock (DS) in order to transmit the actuation signals (AS).

(Fig. 1)